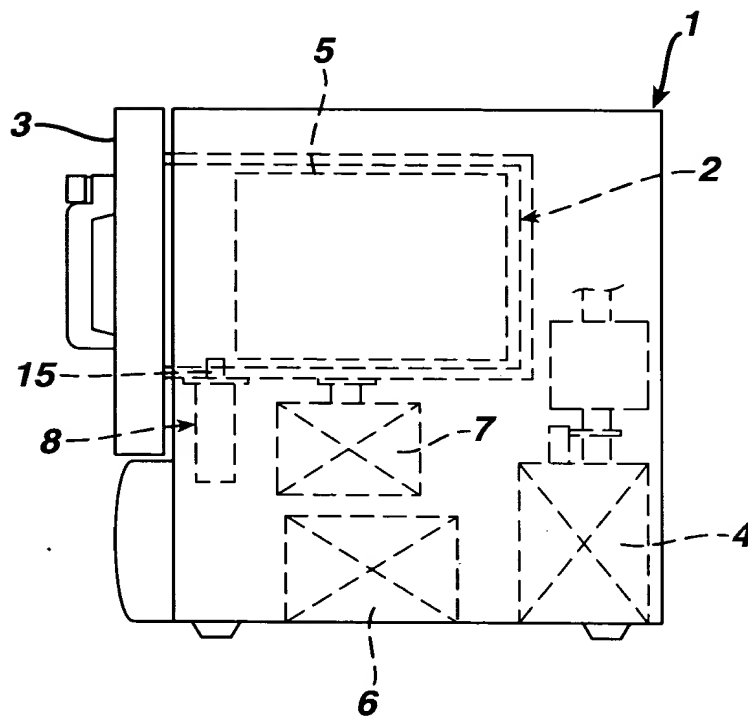


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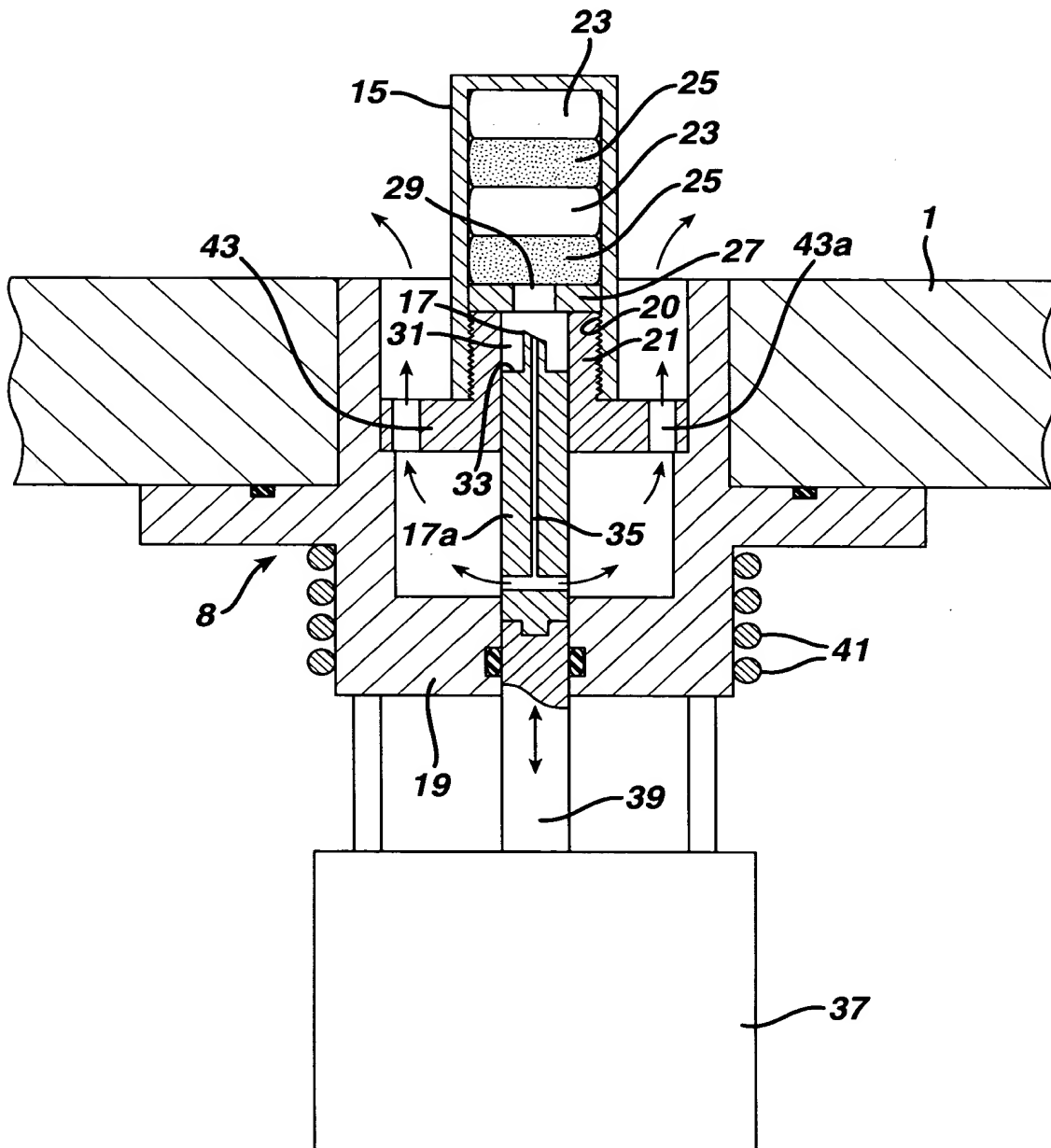
FIG. 1



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FIG. 2



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FIG. 3

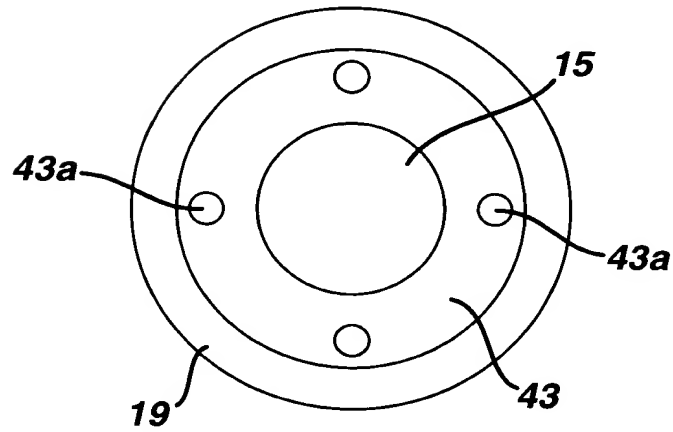
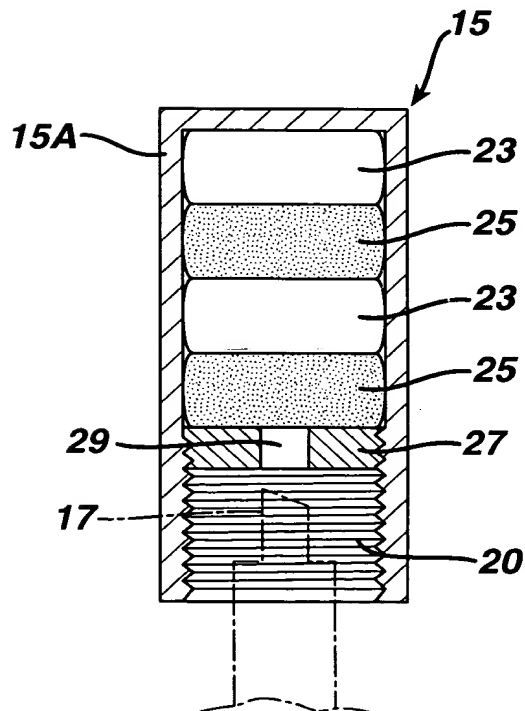


FIG. 4

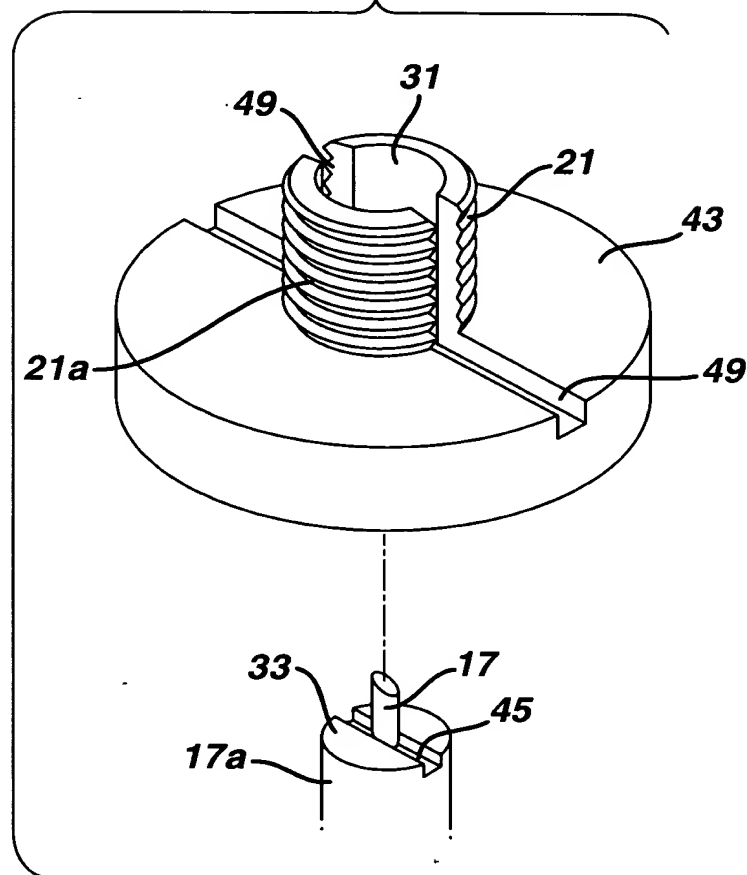


This cross-sectional view shows a mechanical assembly. A central vertical shaft (19) passes through a horizontal flange (1). The flange has a central bore (17) and a larger outer bore (43). A central plug (23) is seated within the central bore, surrounded by a sleeve (25). The plug has a textured surface (27) and a top flange (29). A spring (33) is located between the plug and the flange. The shaft (19) has a central section (39) and a lower section (37). A spring (41) is located between the shaft and the flange. A spring (45) is located between the plug and the flange. A spring (49) is located between the plug and the flange. A spring (8) is located between the shaft and the flange. A spring (39) is located between the shaft and the flange. A spring (37) is located between the shaft and the flange.

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FIG. 6



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FIG. 7

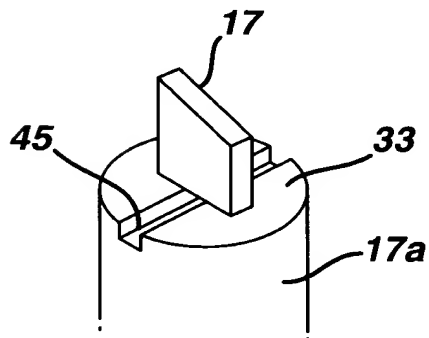


FIG. 8

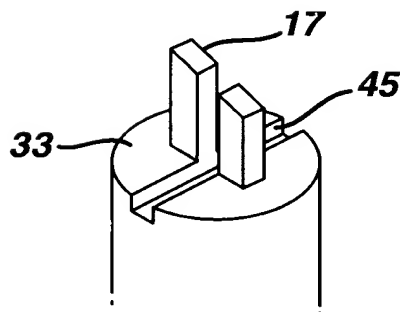
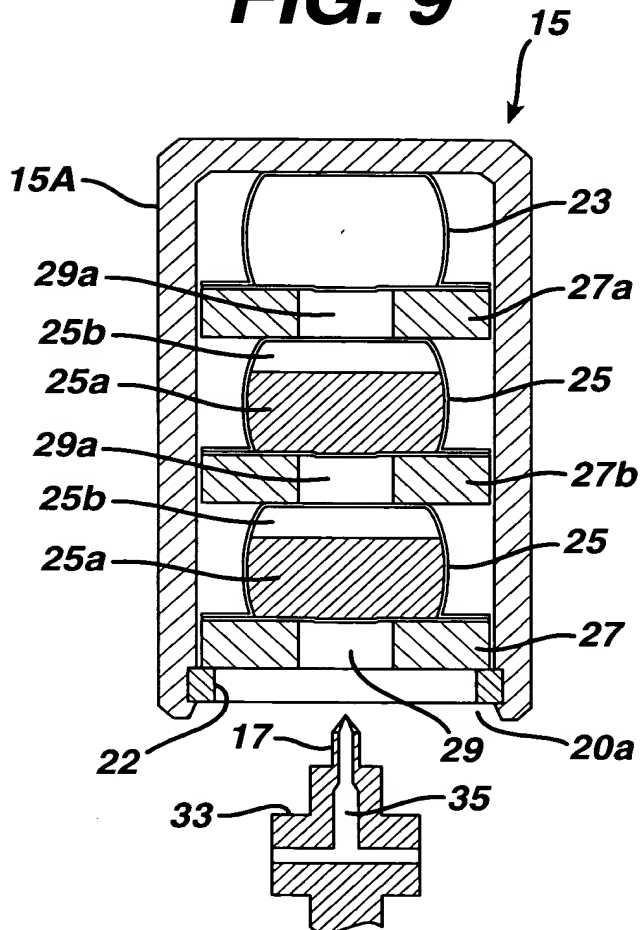




FIG. 9



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FIG. 10 (a)

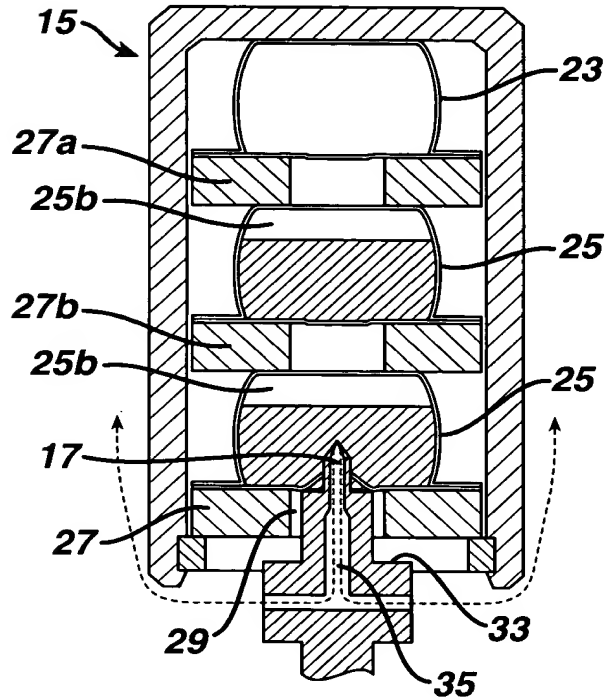


FIG. 10 (b)

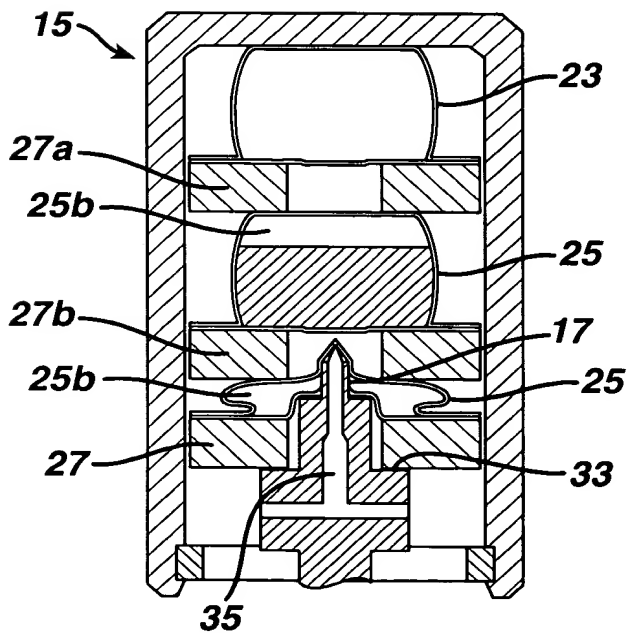
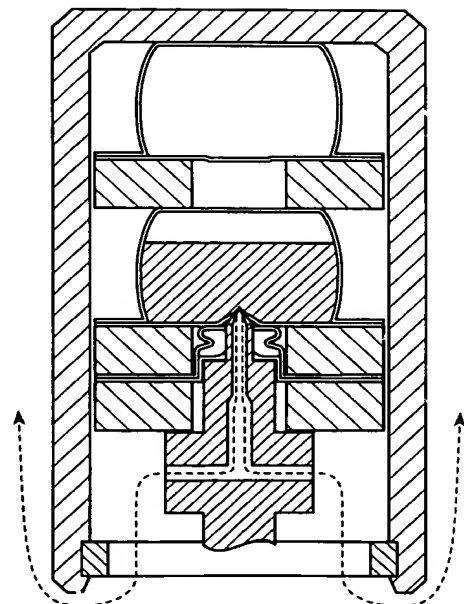


FIG. 10 (c)



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FIG. 10 (d)

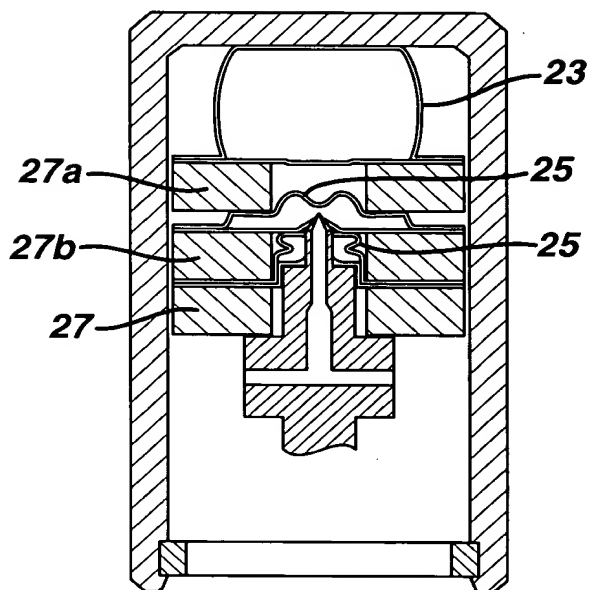
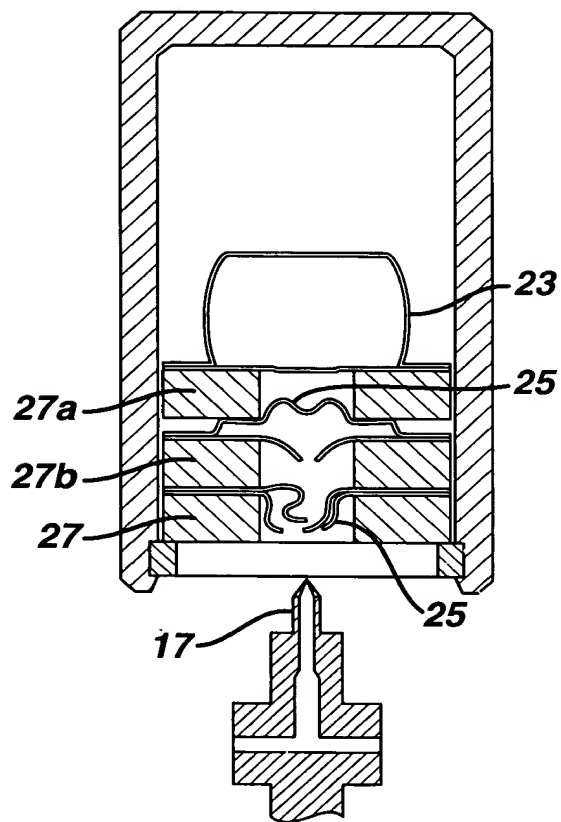


FIG. 10 (e)



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FIG. 11

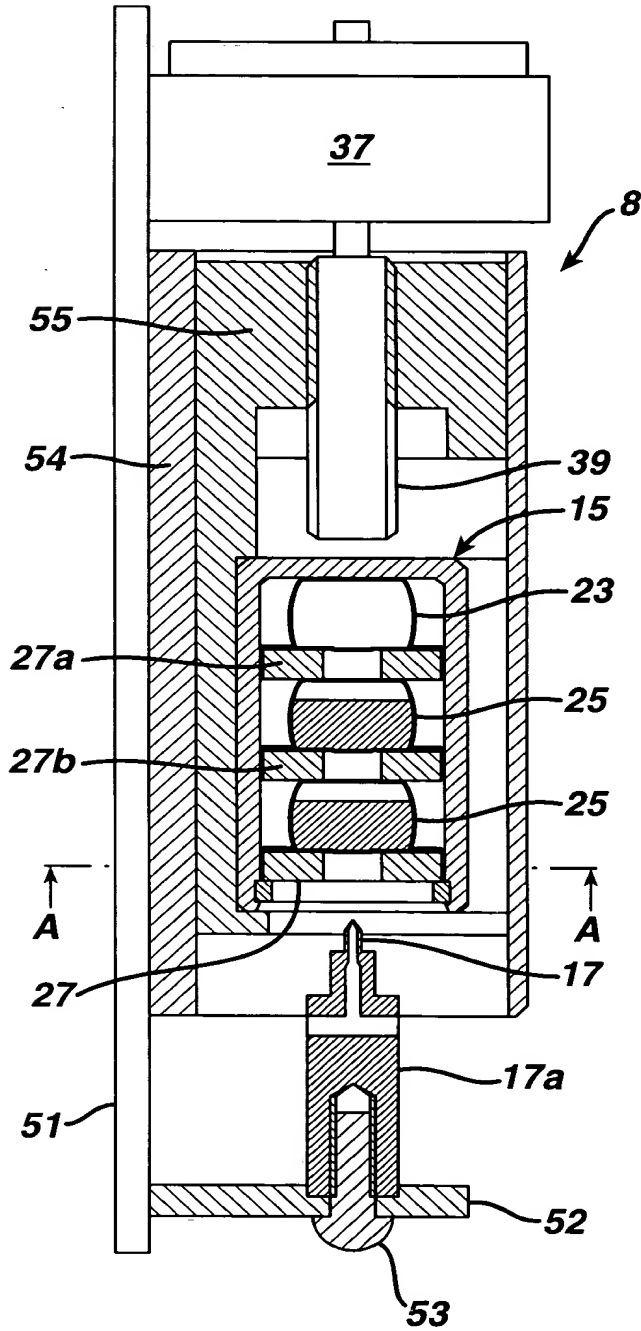


FIG. 12

